



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

MISCELLANEOUS NOTES

National Parks and Monuments threatened.—Every reader of this magazine and every member of the Sullivant Moss Society should see to it that his representatives in the two houses of Congress are made aware of the fact that he is decidedly opposed to any legislation which will in any way permit invasion of the National Parks and Monuments or of the National Forests by water power or irrigation projects which will impair the integrity of such areas as preserves of natural life and natural environments. No lover of the bryophytes or lichens, or, indeed, of Nature in any form, needs further explanations than that water-power and irrigation interests are active, particularly with regard to California and the Yellowstone National Park, in trying to secure reservoir sites and other concessions from free government land rather than from other sources not so free. Legislation before the last session of Congress seriously menaced some of the finest natural environments in the parks, naturally those next the waterways or in lowlands likely to be submerged as reservoir sites.

At the present time it appears that the volume of protests from nature-lovers and upholders of the integrity of the national preserves has had its effect and that these areas will be excepted from the provisions of the Federal Water Power measure. However, the matter may not rest there, and watchfulness should be exercised. Should your Senator or Representative, or future nominees for such positions at Washington, not be in sympathy with the integrity of these areas, it is important to bring this to the attention of the Secretary of the National Parks Committee, Room 2273, Woolworth Building, New York City.

O. E. JENNINGS.

SULLIVANT MOSS SOCIETY NOTES

The following additions should be made to the address list of the Sullivant Moss Society; some of them have already been published.

NEW MEMBERS

Mrs. Frederick A. Cleveland.....70 Winter St., Norwood, Mass.
Mrs. Julia Lenington.....R. F. D. 2, Pomona, Calif.
Mr. George L. Moxley.....1964 East First St., Los Angeles, Calif.
Mr. James Murray.....2 Balfour Road, Carlisle, England.
Mr. Charles Potter.....682 East Burnside St., Portland, Ore.
Dr. P. O. Schallert.....349 Sprague St., Winston-Salem, N. C.

ANNUAL REPORTS—SULLIVANT MOSS SOCIETY—1920

Report of the President.

Few subjects of Society interest have occurred during the year. The routine has been carried on by the officers. I have written a number of letters in connection with new members, as well as for furtherance of the general work.

There is one item I would like to bring to the attention of the Society. During the war when so many journals were of necessity discontinued or prices raised, our *BRYOLOGIST* has been published with only the unavoidable delays caused by the printer and by transportation difficulties, and we have not raised Society membership, nor subscription to the journal. This has been due to the untiring vigilance of our Secretary-Treasurer, Mr. Chamberlain, and I am sure all will appreciate the fact when it is mentioned.

It may be that some new arrangement will have to be made if the unsettled state of affairs in the business world continues for too long a time. But this is in the future.

Just at this writing word has been received of the serious illness of our Vice-President, Dr. Riddle. This necessitates the election of one in his place. The Executive Committee has sent out the ballot for officers for 1921 with the name of Mr. C. C. Plitt of Baltimore as vice-president, and those who know him personally feel sure he will make a valuable member of the official family.

In closing let me urge each member to realize his obligation to the Society, to increase its membership, and to stimulate the study of cryptogams in every possible way. More of our young people should be directed to this fascinating branch of botanical study. Our public and private schools are doing more and more active Nature-Study work, especially here in New York in connection with our Botanic Gardens. The Brooklyn Botanic Garden has just graduated its seventh class of duly qualified Nature-Study Teachers. So far the lower orders of plants, have not figured in their instruction, but, perhaps in time, the cryptogams may be studied as well as the flowering plants, and at least our boys and girls be taught to recognize them and be able to collect intelligently so that others may have material for study. The problems of the effect on mosses and hepatics under influences of cultivation could be one branch of the work quite easily taken up at our Brooklyn Garden. Let us all do our part to make this coming year one of progress to our Society.

ANNIE MORRILL SMITH

78 ORANGE ST., BROOKLYN, N. Y.

Report of the Secretary-Treasurer.

In submitting his Report for the year just past, the Secretary-Treasurer is acutely aware that promise and performance, as regards the prompt publication of the *BRYOLOGIST*, have been widely at variance. Delays that were most vexatious occurred all through the year, and their causes seem to be wholly outside the control of the Editor and of the Secretary. They constantly try to bring things up to date, and still have hopes, in spite of the many difficulties.

The balloting for the election of officers for 1921 was much delayed, since it was necessary to change the ballots themselves at the last moment. The votes cast, 71 in all, were unanimous for the officers nominated by the executive committee. It is a very great sorrow to the Secretary to announce that the death of Dr. Riddle occurred between the time of the writing of this report and the printing of the magazine.

The membership of the Moss Society shows a slight decrease since the last annual report, there now being 140 members as against 143 then. The death of three members, Messrs. Hagen and McDonald, and Miss Miller, has come to the Secretary's knowledge the past year; three members have resigned; three have been dropped for failure to pay the annual dues. To partially balance these losses six new names appear upon our lists. It should be obvious that a steady increase in membership is very desirable. While it is unlikely that a very large number of persons will ever be interested in the work of the Moss Society, still our present membership should be increased by one half if the Society is to continue to do useful, active work. Greater losses may at anytime be expected among our elder members, and an increase of revenue is really most necessary. The Secretary is opposed to making any increase in the dues, feeling that it is really for the best interests of the Society and of scientific study to have these fees as low as possible. On the other hand, the cost of printing the magazine alone is more than twice what it was five years ago, and plates are still more expensive in proportion. While the financial report shows a balance on hand, and this balance will be sufficient to meet the costs of the two issues of *THE BRYOLOGIST* remaining for 1920, it should be remembered that the costs of postage, expressage, herbarium expense, and plates, shown by the account is merely nominal. Much of this expense is voluntarily assumed by the officers, curators, and contributors, as their individual contribution to the success of the Society. This should not be necessary.

The statements above bring the Secretary to two points that have been emphasized in all of his recent Reports: the state of the exchange department, and the necessity for short notes in the magazine. For many years the Secretary has kept a record of the material offered, and of the number of persons applying for his own offerings. The falling off has been steady. It is no longer possible for the Secretary to obtain sufficient good material to offer foreign members for exchange. He cannot ask them to give without adequate return. It is with much regret that the Secretary makes this announcement, but the results no longer are at all commensurate with the labor expended. There are still on hand specimens of many interesting species, which the Secretary will gladly distribute to any member who wishes to send good material in exchange. But, there will have to be more cooperation.

Exactly a similar situation exists in regard the *THE BRYOLOGIST*. To increase our membership it is necessary to have articles of interest to the beginner, and articles that have a certain popular appeal. The Secretary refers especially to articles such as those of Dr. Frye and Dr. Bailey during the past year. To increase these articles more members must take a personal interest. Neither the Secretary nor the Editor have the time to write begging letters for short notes. Neither do they like, as has been necessary the past year, to refuse articles of permanent value, because the space requirements and costs of plates are so far beyond our ability. Just as soon as the financial standing of the Society justifies it, the magazine will print 20 pages per issue. To accomplish this means active cooperation, not passive acceptance, on the part of each individual member.

The Secretary congratulates the members on the showing made by them individually in the raising of the Herbarium Fund for M. Jules Cardot. Owing to the delays in the appearance of *THE BRYOLOGIST*, all work in connection with this fund had to be done through individual letters, and had to be as concentrated as possible. The raising of the \$250.00, however, was accomplished in time to take advantage of low rates of exchange, and hence supplement the sum to a considerable extent.

SUMMARY OF ACCOUNTS

RECEIPTS	
Balance on hand, December 1, 1919.....	\$119.95
Dues for current year.....	180.85
Subscriptions for current year.....	88.85
Arrears collected.....	10.30
Sales of back issues, and repayments from members.....	29.00
Incidental and minor receipts, advertising, etc.....	28.83
Received through combinations for Dr. Grout.....	2.55
	<hr/> \$460.33
EXPENDITURES	
Minor printing and stationery.....	\$ 24.23
Postage, bank fees, incidentals.....	11.76
Paid to Dr. Grout.....	2.55
Herbarium expenses.....	3.00
Purchases for members.....	21.65
Purchase of back issues.....	16.00
Plates for the magazine.....	18.90
Printing, five issues of <i>THE BRYOLOGIST</i> and Index.....	249.00
	<hr/> \$347.09
Balance on hand, November 30, 1920.....	113.34
	<hr/> \$460.43

EDWARD B. CHAMBERLAIN, *Secretary-Treasurer*

Report of the Curator of the Moss Herbarium for 1920.

The Herbarium has again changed residence. In April it was moved into new quarters located less than a mile away from the old, in charge of the same Curator, who remains ready to aid those who desire determinations and who wish to participate in active bryological collection and study. If any confusion or lack of attention to correspondence occurred during the two changes of base, apology is here made. Let us hope that no further moving may be necessary for some time to come.

We wish here to emphasize the need of greater activity among our members if we are to progress and add to the numbers of specimens in our herbarium and to the general interest in our Society. Why should not more of us go forth and find, in the field of mosses? As has been repeatedly stated, the material lies within the reach of all, and the species of one neighborhood are often quite unlike those of another. With observation and care we may collect valuable

fruiting specimens of many an interesting kind which may be altogether suitable to offer in the columns of THE BRYOLOGIST to other members, with whom correspondence and exchange may be thus established and carried on. The Society, too, requires more material in quantity for the continuance of exchange work, and such material at this time would therefore be most acceptable.

In collecting we should be careful to gather, where possible, unmixed fertile specimens. Those who determine mosses know how discouraging it is to work out almost inextricably tangled mats. Such mixtures generally contain several kinds of common mosses in various states of immaturity and ill condition quite unworthy of the time involved in disentangling strands and affixing names to them. Of course, should the mosses be rare ones the time is well spent, but, unfortunately, this is seldom the case. Do your best then, please, to collect really worth-while material, clean, unmixed, and fertile.

It is a genuine pleasure to study such specimens as those which were sent a few weeks ago by Dr. Lewis Dutton, of Brandon, Vermont. Each envelope contained a single species of moss in excellent condition. Among Dr. Dutton's specimens were *Neckera complanata*, *Brachythecium acutum*, *B. reflexum*, *B. velutinum*, *Stereodon pratensis*, *Campylium stellatum*, and *Bryum Duvalii*.

Correspondence during the year with Mrs. Elizabeth M. Dunham and Mrs Rachel L. Howe of Massachusetts, who are ever alert to find new things, has been, as usual, of great interest and we look forward to the results of a collecting trip to the Chocorua neighborhood of the White Mountains which they made in October. Mrs. Britton, Mr. Chamberlain, Miss Deam, Mrs. J. F. Merrill, and others, have also been correspondents and contributors from time to time, while among our new members Dr. P. O. Schallert of Winston-Salem, North Carolina, may be credited with very enthusiastic collecting indeed during recent months. Dr. Schallert's boxes of Carolinian mosses contain many representative mosses of his region, including *Sciaromium Lescurii*, with the daintily bordered leaves which separate this species from other *Amblystegia*, and *Cryphaea glomerata*, the tree-loving moss so widely spread through the southern United States.

We should also acknowledge specimens contributed by P. G. M. Rhodes, duplicates from the herbarium of Gumbel, a bryologist of some note who lived early in the nineteenth century. Mr. Rhodes has recently been purchasing abroad a number of notable mosses and these specimens were among them. A box of mosses collected by Dr. O. E. Jennings in Florida has also been worked over during 1920.

And so, we close, again with the appeal to our members: that they go afield, collect worthy material, send it to the Curator if they wish it named, and thus really get in touch with the Sullivant Moss Society which needs their zealous co-operation to grow and adequately fulfil its aims!

GEORGE B. KAISER, *Curator*

6620 GERMANTOWN AVE., PELHAM, PHILADELPHIA, PA.

Report of the Lichen Department for 1920

Much interest has been manifested by our members in the study of Lichens during the past year, and, as a result, the Lichen Herbarium has been materially enriched.

Our list of contributors this year is headed by Mr. George L. Moxley and Dr. P. O. Schallert. Mr. Moxley sends us fine specimens from southern California and Dr. Schallert specimens from North Carolina, a state which, thus far, has been poorly represented in our Herbarium. Our other contributors are: Mrs. Ella L. Horr, Mrs. M. A. Noble, Dr. Albert C. Herre, Mrs. Anne L. Read, and Dr. O. E. Jennings.

Some work has been done on the determination of the fine lot of specimens collected in Hawaii, and sent us by Miss Alice Eastwood; it is expected that a complete report will be forthcoming this coming year. A number of these specimens, as they have been determined, have been added to the Herbarium.

But our largest source of enrichment has been a lot of over 300 specimens of Norwegian Lichens from Dr. Bernt Lynge, sent us in exchange for a complete set of the Hasse "Lichenes Exsiccati." These specimens are exceptionally fine, and we are delighted to have them.

Of the specimens received from the various sources, 410 have been mounted, making the number now in the Herbarium 3850. Our sincere thanks are herewith conveyed to those who have lent a helping hand, and we hope that the interest and enthusiasm shown will continue unabated.

Respectfully submitted,

CHARLES C. PLITT, *Curator*

Report of the Curator of the Hepatic Herbarium

Greetings to all the members of the Sullivan Moss Society!

It is a pleasure again to care for the herbarium, and to relieve Miss Haynes, who has so efficiently carried on the work of this department during my absence. The herbarium has survived two movings and two year's storage, and is rapidly getting in order again.

During the year 211 specimens have been contributed by: Miss C. C. Haynes, Dr. P. O. Schallert, H. S. Jewett, A. H. Brinkman, H. B. Dudley, Helen Greenleaf, J. Evans, H. Dupret, Geo. L. Moxley, A. Lorenz, Jos. Murray, Stewart Burnham, John Macoun, and Geo. H. Conklin.

In the collection of Dr. Schallert at Winston-Salem, N. C., *Nardia fossombronioides* was found. This makes the fourth station for this interesting plant.¹ Twenty-seven specimens from the Lake Superior region, Bayfield County, Wisconsin, were added by the writer. Among these were *Nardia hyalina*, *Lophozia Kaurini*, and *Scapania subalpina*.

¹See BRYOLOGIST 22: 59-62. Sept., 1919.

It is hoped that more members interested in the Hepaticae will contribute! We have a fine lot of duplicates to distribute to students in exchange for locality specimens. The Herbarium is of value not so much for its rare specimens, but for the representation of the species found in each locality. We wish members to bear this in mind and make contributions fully covering their collecting areas.

May I again appeal to the members to contribute if possible the following specimens, which are not represented in this herbarium. These are given in the Society Exchange List and are needed for type study: *Riccia albida*, *R. Beyrichiana*, *R. californica*, *R. Campbelliana*, *R. catalinae*, *R. hirta*, *R. McAllisteri*, *Peltolepis grandis*, *Plagiochasma rupestre*, *P. Wrighti*, *Grimaldia californica*, *Neesiella rupestris*, *Asterella violacea*, *A. echinella*, *Marchantia domingensis*, *M. paleacea*, *Sphaerocarpos cristatus*, *Geothallus tuberosus*, *Riella americana*, *Metzgeria angusta*, *M. uncigera*, *Fossombronina lamellata*, *Scalia Hookeri*, *Marsupella arctica*, *M. Bolanderi*, *M. condensata*, *M. groenlandica*, *Nardia biformis*, *N. Lescurii*, *Prasanthus suecicus*, *Jungermannia Bolanderi*, *J. danicola*, *J. Rauana*, *Lophozia elongata*, *L. harpanthoides*, *L. Jensenii*, *L. murmanica*, *L. Vahlia*, *Mesoptychia Sahlbergii*, *Anastrepta orcadensis*, *Sphenolobus groenlandicus*, *Plagiochila alaskana*, *P. arctica*, *P. Fryei*, *P. virginica*, *Clasmatocolea exigua*, *Lophocolea Leiboldii*, *Chiloscyphus Webberianus*, *Cephalozia ambigua*, *Cephalozilla arctica*, *C. biloba*, *C. Bryhnii*, *C. elegans*, *C. floridae*, *C. grimsulana*, *C. ludoviciana*, *C. obliqua*, *Odontoschisma Gibbsiae*, *O. Macounii*, *Calypogeia acuta*, *Pleuroclada albescens*, *Herberta tenuis*, *Diplophyllum argenteum*, *D. imbricatum*, *D. incurvum*, *Scapania americana*, *S. convexula*, *S. cordifolia*, *S. dentata*, *S. Evansii*, *S. heterophylla*, *S. Kaurini*, *S. spitzbergensis*, *Radula arctica*, *R. flaccida*, *R. Hallii*, *R. Lescurii*, *R. polyclada*, *Porella Swartziana*, *P. wataugensis*, *Cololejeunea diaphana*, *C. Macounii*, *C. subcristata*, *C. tuberculata*, *Aphanolejeunea sicaefolia*, *Lejeunea floridana*, *Microlejeunea Cardoti*, *M. Ruthii*, *Rectolejeunea Berteroana*, *Taxilejeunea erosifolia*, *Ceratolejeunea cubensis*, *Drepanolejeunea bidens*, *Frullania arietina*, *F. chikootiensis*, *F. cucullata*, *F. gibbosa*, *F. mexicana*, *F. saxicola*, *F. Wrightii*, *Notothylas Breutelii*, *Anthoceros Donnellii*, *A. Hallii*, *A. phymatodes*, *A. Ravenelii*.

GEO. H. CONKLIN, *Curator*

EXCHANGE DEPARTMENT

Offerings—To Society members *only*. Return postage rather than a stamped envelope should be sent.

Miss Daisy Levy, 403 West 115th Street, New York City.—*Amblystegium orthocladon* (Beauv.) Kindb., collected at Harper's Ferry, W. Va., July, 1919.